



The GArzette

The Official Newsletter of the Gwinnett Amateur Radio Society
August 2016 <http://www.gars.org/> Volume 25, Issue 8



Farewell AES; HRO acquires ASham.com!

HAM RADIO OUTLET

Search Model, Brand, or Keyword

Items: 0

Home Products Gift Certificates Search HRO More Register Login

Our New PORTLAND Store Is Officially Open
Come Visit Us: 14405 SW Pacific Hwy, Portland, OR 97224

HRO - Milwaukee | Opening In August 2016 | 5710 W Good Hope Rd, Milwaukee, Wisconsin 53223

WELCOME AESHAM.COM CUSTOMERS!

Farewell Hara Arena; Hello Greene County Fairgrounds!

Hamvention®
The Radio Frontier
2016
DAYTON

WELCOME
Dayton
Hamvention

Greene County Commissioners
GREENE COUNTY FAIRGROUND & EXPO CENTER
XENIA
GREENE COUNTY, OHIO

...to your new home!

Message from the President

Even though Field Day is over and the heat of the summer has settled in GARS never seems to rest. We just finished another NPOTA activation and the calendar is still full for the rest of the year. Thanks for everyone who organized and participated at the park activation. Even with the heat we still made more than a few contacts and had a great time doing so.



Coming up we have our bi-yearly fund raising event we call the “dog show” at the Atlanta Expo Centers South (Scott Antique Mall). If you have not done so yet please go the [GARS.org](http://www.gars.org) web site and select several shifts to work. This is a great opportunity to break out that HT and spend some time with your friends while we help the organizers of the show with parking and admissions. Both GARS and Gwinnett ARES benefit from donations made to the club for our assistance with this event. The event goes for 4 days and there are 2 shifts of 4 hours in each day. Your assistance will be greatly appreciated.

GARS will again be participating in the ARRL September VHF contest at Bogan Park in Lawrenceville. Last year was our first attempt at working this contest as a club and it was a lot of fun. While the logs were sparse we learned a lot and gained experience in setting up and operating this event. There is a lot of difference in working VHF/UHF versus HF. Hopefully the bands will be more favorable this year but that doesn't really matter as much as the experience and fun in operating and participating. More information can be found on the GARS web site.

October will bring us the 59th Jamboree on the Air event. GARS will be participating by setting up a couple of radio stations to help demonstrate Amateur Radio and get some of the scouts on the air.

“Both GARS and Gwinnett ARES benefit from donations made to the club for our assistance with this event (dog show).“

More information can be found at <http://www.apalachee-bsa.org/attachments/article/3/JOTA-2016A.pdf> as well as at the [GARS.org](http://www.gars.org) home page.

Our neighboring club NAFRL and SEDXC will be sponsoring 2016 HamJam in November. This is a very well organized forum type event with an exceptional line up of speakers. There will also be a raffle with some *very* nice prizes so you don't want to miss this event. More information is at www.hamjam.info and on our home page [GARS.org](http://www.gars.org).

Thank all of you showing interest and for being a part of GARS. If you want to join our organization please sign up using the [GARS Membership Application Online Form](#) or come to one of our meetings at the Lawrenceville Airport EAA hangar (Briscoe Field). Directions can be found on the GARS website [Meeting Location](#).

Thanks and 73,

Rick Cobb, N4XYY

"It is not the class of license the Amateur holds, but the class of the Amateur that holds the license."



GARS August Meeting

Digital Mobile Radio (DMR)

by Tom Power, W8RED

Tuesday, August 9, 2016

7:00 pm

**Sports Aviation Complex—Hangar 1
690 Airport Road
Lawrenceville, GA 30045**

Directions

INSIDE

Member QRZ Pages Pg 4
GARS Happenings Pg 5
More Happenings Pg 6
Upcoming Events Pg 8
GARS Fundraisers..... Pg 10
Beginner's Corner Pg 11
AES Closing Pg 12
Dayton Hamvention..... Pg 13
Creed Machine Pg 14

GARS Communications

2 Meter Repeater
147.075(+) MHz
82.5 PL Tone

APRS
144.390 -- 1200 Baud
W4GR

D-Star
WD4STR
145.060 + (1.4 MHz)
440.550 + (5 MHz)

2 Meter Repeater
147.255(+) MHz
107.2 PL Tone

6 Meter Repeater
53.110 (-1 MHz)
No PL tone

70 Cm Repeaters
444.525(+) MHz
82.5 PL Tone
442.100(+)
100 PL Tone

**Don't forget
to support our
advertisers at the
back of the
GARzette.**

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to editor@gars.org. Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The *GARzette* is published each month with the assistance of Norm Schklar, WA4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: editor@gars.org
Bill Eggers—WB2RIS 470-238-9603



Member QRZ Pages

For a few months we will be featuring the QRZ page of various members of GARS.

This month we are featuring the QRZ page of :

KK4TKJ - Chuck McCord

When you click on the link below you will find this picture of him.

<http://qrz.com/lookup/KK4TKJ>

Read his notes and get to know him better.
You'll be glad you did.



Here is an excerpt from his page:

I got my Technician ticket in Aug 2013, my General ticket in Sept 2013 and finally my Extra in Feb 2015. My wife, Donna, KM4FMW, is also an Extra license holder. As I have only a little over two years Ham experience, we are learning as we go. My first exposure to Ham Radio was while I was a student in Germany. My family was in Sarasota, FL. and our next-door neighbor was a Ham operator. He offered to allow us to communicate on his rig while I was in Germany; therefore, from Aug 1970 till Jun 1971, I communicated through a local German Ham, as a third party, with my family in Florida.

Watch for another featured GARS member QRZ page in next month's GARzette!

News, Press Releases, & General Interest

W4DXCC DX and Contest Convention Set for September

The 12th annual [W4DXCC DX and Contest Convention](#) is set for Friday and Saturday, September 23-24, in Pigeon Forge, Tennessee. The an ARRL-approved operating specialty convention will feature a "[Ham Radio Bootcamp](#)," which will cover the sorts of things every ham should know — kind of the Elmer you may not have had.

The [presentation schedule](#) is replete with DX and contest fare, including presentations on the TX3X Chesterfield Island, K5P Palmyra Atoll, South Sandwich and South Georgia, and Heard Island DXpeditions.

Ward Silver, N0AX, will offer his contest operating tips and tricks.

There will be a banquet Saturday evening. W4DXCC is sponsored by the SouthEastern DX and Contesting Organization (SEDCO). [Registration](#) is now open. — thanks to [Dave Anderson](#), K4SV

Source: <http://www.arrl.org/news/w4dxcc-dx-and-contest-convention-set-for-september>

GARS Happenings

JULY 16, 2016 NPOTA ACTIVATION IN REVIEW...



More GARS Happenings

Ruth KM4LAO and Sharon KM4TVU at ATL Airport before taking off for Dave Kalter Memorial Youth DX Adventure at Saba—Have Fun!



More GARS Happenings

GARS members at Snellville tower climb on Sunday, July 24:



Upcoming Events

ARRL September VHF Contest

GARS will participate in the September VHF Contest on September 10.

This is an introduction to the contest. Plans are to setup VHF station, UHF Station and 6 Meter station. We'll have beams for each.

We'll need pop up tents and tables. We think we have the antennas and radios already arranged. Those that are there at 12:00 when we order will be furnished pizza for lunch. Cold drinks will be furnished.

We'll post a signup sheet and equipment needed link on the web site next day or so.
[Let us know you plan to attend!](#)

Initial plans are to start setup at 12:00 noon and we'll operate until about 5:00pm.

We will operate from just inside Bogan Park. <https://www.gwinnettcounty.com/portal/gwinnett/Departments/CommunityServices/ParksandRecreation/OurParksandFacilities/GuidetoYourParks/BoganPark>

This is an ARRL contest and additional information is available on their web site.

Final info and directions will be posted on the GARS.org web site.

September VHF: September

Objective: For amateurs in the US and Canada (and their possessions) to work as many amateur stations in as many different 2 degrees x 1 degree Maidenhead grid squares as possible using authorized frequencies above 50 MHz. Stations outside the US & Canada (and their possessions) may only work stations in the US (and its possessions) and Canada. Stations in KH0-9, KL7 & KP1-KP5, CY9 and CY0 count as W/VE stations and can be worked by DX stations for contest credit.

For more information: <http://www.arrl.org/september-vhf>

Upcoming Events

59th ANNUAL JAMBOREE ON THE AIR (JOTA)

October 15th from 9:00 AM – 3:30 PM at VFW Post
5255, 368 Grayson Highway,
Lawrenceville, GA 30046

For directions please go to <http://goo.gl/maps/8b4zx>

This a free event that is open to all Cub Scouts, Boy Scouts, Ventures, Sea Scouts, Girl Scouts & the general public. We will be offering a Radio Merit Badge Class at JOTA. Come learn and have fun at JOTA 2016.

JOTA is an annual Scouting event that uses amateur radio to link Scouts around the world, around the nation, and in our own community. Scouts of any age can participate, from Cub Scouts to Boy Scouts, Venturers and Girl Scouts.

This is the official JOTA site of the Northeast Georgia Council Amateur Radio Club KK4BSA.

We will be offering two Radio Merit Badge Classes at JOTA. Our signup link is <http://goo.gl/uCWxiv>. Space will be limited to 30 students.



Source: <http://www.apalachee-bsa.org/attachments/article/3/JOTA-2016A.pdf>

GARS Fundraisers

Dog Show

Good Morning GARS and ARES,

I hope everyone is enjoying this heat wave. Our fund raiser is coming up on Aug 25,26,27,28. Why do we need to raise funds? To keep the repeaters going and to maintain the meeting locations and donations to events. Instead of asking members for money all the time, we do this fund raiser twice a year. it brings in enough with dues to cover most of the expenses for the Tech-Fest, Field Day, VHF Contest, JOTA, and maybe some other events.

Even with a safety net in the treasury, we need to keep adding to it. If we have an event that requires a tower climb and hard-ware on a public tower, it could be close to 10,000.00 dollars. ARES uses the funds to outfit the trailer and help with expenses at events. This is a major source for their funding. ARES is a service organization and has no dues.



There is an article on the [GARS web site](#) and a link to sign up for a shift. There are 2 shifts everyday. We need 10 people every shift everyday minimum. Please consider working at least 1 shift or more when you can.

The Cherokee Rose Cluster dog show makes a donation to both organizations for our presence onsite.

Thank You and 73, *David*, KA4KKF



AmazonSmile

Are you making a difference for the Gwinnett Amateur Radio Society? Please select GARS as your charity of choice for all your purchases from Amazon.

GARS received a \$40.50 donation from the AmazonSmile Foundation as a result of AmazonSmile program activity between October 1 and December 31, 2015.

Share this link: <http://smile.amazon.com/ch/58-2042756> and ask your donors, volunteers, employees, and friends to bookmark this link so all their eligible shopping will benefit Gwinnett Amateur Radio Society Inc.

Send an email: In your next email newsletter to supporters, promote your AmazonSmile participation and include the link above.

Copy and paste this message in a Facebook post: When you shop at AmazonSmile, Amazon donates 0.5% of the purchase price to Gwinnett Amateur Radio Society Inc. Bookmark the link <http://smile.amazon.com/ch/58-2042756> and support us every time you shop.

Copy and paste this message in a Tweet: Amazon donates to Gwinnett Amateur Radio Society Inc when you shop @AmazonSmile. <http://smile.amazon.com/ch/58-2042756> #YouShopAmazonGives

If you have any questions, please sign in to <http://org.amazon.com> and click on the Help tab to see our FAQ topics.

Thank you for your participation in the AmazonSmile program!



You made a difference.

Because you placed this purchase at smile.amazon.com, Amazon will make a donation to **Gwinnett Amateur Radio Society Inc.**

Your purchases have supported charity **177 times** by starting at smile.amazon.com.

Beginner's Corner

Have Radio Will Travel

When I was young (read “ancient history”), there was a television program called “Have Gun Will Travel”. I don’t remember seeing it, but the name stuck in my mind all these years. Now, as an amateur radio operator, I don’t like to shoot people. I just want to talk on the radio with them. Hence the title of this column.

I was fortunate enough to take two trips in July, once to Rochester, New York, and once to Omaha, Nebraska. Now I just don’t go on a trip without a radio. I had my trusty Kenwood TH-F6 handy talkie with me. It is also my mobile radio when I travel long distances. I had it programmed each trip with all the frequencies I could find in the ARRL Repeater Book. On the way up and back, I thought I would try an experiment. This radio has dual receive. I had one channel on the two meter national calling frequency of 146.520. This way I could hear any nearby hams calling. This radio has a very wide receiver frequency range. I set the second frequency to CB Channel 19. Now, I can just about hear the howls about CB. I understand, but in an emergency one is much more likely to hear what’s going on by listening to CB rather than amateur radio.

The results – NO activity on 146.520, and occasional CB activity. It was just an experiment. The CB channel did make it easier to find out which lane to get into during a traffic jam. Nearly every trucker has a CB rig in the truck. On both trips, I saw only one other ham radio operator.

I had a lot of free time in Rochester. I had programmed every repeater I could find, and hit the jackpot. I spent a day in the hotel monitoring every frequency I could monitor. I had a scanner with me, as well as a multi-band portable. I spent about an hour talking with a local ham about the scene in Rochester. He was a retired engineer who, according to him, built a complete linked repeater system, including controllers. I was talking with him on one repeater and he was on a different repeater. I mentioned to him that I was from the Atlanta area, and he used the Internet Radio Linking Project (irlp.net) to link up with a repeater in downtown Atlanta.

I also checked out the AM radio stations there. My favorite station? WHAM (<http://wham1180.iheart.com/>), of course!

Traveling with your radio, even with an HT, is not hard. You will need to have at least a magnetic mount antenna that covers the bands your radio has. Of course, it has to be connected to the radio!

You will need to program your radio. It is a good idea to find out what frequencies are in use in your destination. You can program them in manually, but most folks will use a cable and programming software to do the work. Why? It is so much easier to just upload a new program file than to manually change frequencies. You can use the Chirp software to do this. It is available for most radios. I use commercial software from RT Systems (<https://www.rtsystemsinc.com/>) for most of my radios. When I find out what repeaters and simplex channels are available, I enclose them in a file. I name the file for the destination. For example, I called my Nebraska file “Omaha”. I can either upload the file before I leave or when I arrive at my destination. When I return, I just upload my local frequency file, and I am up and running in no time. Happy travelling with your radio!

We would like to hear from you about your experiences or questions you may have as a new ham. You might have a question that will make a good topic for a future column. Please email me at kj4cmy@gmail.com.

73 de *David Harden*, KJ4CMY

AES Closing

Ham Radio Outlet to Acquire Some AES Employees, Re-Open Milwaukee Location as HRO Branch

07/12/2016 -Ham Radio Outlet ([HRO](#)) has announced plans to hire an unspecified number of Amateur Electronic Supply ([AES](#)) employees, when AES shuts down its four locations in late July. In addition, the current AES Headquarters store in Milwaukee will become HRO's newest location later this summer, following renovation. On July 1, AES announced that it was going out of business and ending retail operations at its Milwaukee, Las Vegas, Cleveland, and Orlando locations. With the approval of AES management, HRO senior managers visited each AES location to interview staffers in hopes of "acquiring some of the Amateur Radio retail employee talent in each of the current AES locations," an HRO [news release](#) said.



"Together with this interview process, HRO examined what it would take to perhaps acquire one or more of the AES store locations. At the time of these interviews, many opportunities were explored with current AES senior management," the release continued. "We are very excited to announce that HRO was successful in providing offers of employment to a number of soon-to-be-former AES employees, and that to some, we have offered positions that involve HRO-sponsored and funded relocation."

HRO announced that once AES shuts its Milwaukee location at 5710 W Good Hope Road on July 28, Ham Radio Outlet will undertake an extensive remodeling project to create a new HRO Milwaukee store at the same site, which will open at the end of August.

"It is with great pleasure that we are able to continue Terry Sterman and Phil Majerus' legacy of providing a fantastic Amateur Radio store in Milwaukee, Wisconsin," HRO President Robert Ferrero, W6KR. "It is our immediate goal to have the largest, most well-stocked Amateur Radio retail store in North America and perhaps even the world." HRO National Sales Manager Steve Gilmore, W4SHG, said the Milwaukee location will be "a showplace that all must come see!"

After AES closes on July 28, all former AES locations' direct and toll-free telephone numbers will be redirected to the closest HRO location, and the AES website will be directed to HRO's website.

A family-owned business, HRO is the world's largest Amateur Radio dealership, with locations from New England to the West Coast. It opened a new outlet in Plano, Texas, in February 2015 and is relocating and expanding its Portland, Oregon, store, which will open on July 25 at 14405 SW Pacific Highway.

Source: <http://www.arrl.org/news/ham-radio-outlet-to-acquire-some-aes-employees-re-open-milwaukee-location-as-hro-branch>

Dayton Hamvention

City of Xenia, Greene County, Ohio, Officials Ready to Welcome Hamvention in 2017

08/01/2016 - Officials in the Xenia, Ohio, area today sounded thrilled at the prospect of hosting an event on the caliber of Hamvention®. Starting in 2017, Hamvention will take place at the [Greene County Fairgrounds & Event Center](#) on the same May weekend. The new venue, a 32-acre multipurpose complex, located some 16 miles east of Dayton center and north of Xenia near US Route 35 (see map, attached), is designed for fairs, concerts, meetings, convention/trade shows, sporting, and livestock events.

“The Greene County Agricultural Society is absolutely committed to providing a world-class experience for the Dayton Hamvention® and its attendees, exhibitors, volunteers and staff,” Greene County Agricultural Society Board of Directors President Dan Bullen, said in a statement. “We are so appreciative of the opportunity to host the event and the faith placed in us by the Hamvention leadership. This will be an enormous event for the Fairgrounds & Event Center, and we are confident the Hamvention will be a great success in 2017 and beyond due to the way the community has wholeheartedly embraced this event.”

The Greene County Fairgrounds and Event Center is relatively new. A tornado in 2000 destroyed 17 buildings and leveled all large trees on the property. The facility was rebuilt the following year, although with the focus remaining on the annual agricultural fair. The indoor space for vendors and forums appears to be smaller than what had been available at Hara Arena, so there could be some adjustment pains. The venue features a 70 × 170 “Assembly Hall,” a 65 × 60 “Dining Hall,” and three “livestock” buildings with concrete floors but no air conditioning. Each is approximately 150 × 160 (see layout, attached). Just how the buildings at the new venue will be used for Hamvention or where the outdoor flea market will sit have not been announced.

Xenia City Manager Brent Merriman said he’s anticipating a mutually beneficial relationship with Hamvention. “The City of Xenia is looking forward to the 2017 Dayton Hamvention® being held within the greater Xenia community,” he said. “We will be working closely with all the planning partners as well as with business owners and residents to warmly receive the convention and conventioners to our city.” Hamvention’s annual economic impact has been estimated at between \$15 and \$17 million.

Whether the event will become known as “Xenia Hamvention” remains to be seen. In any case, Hamvention 2017 will be held May 19-21, sponsored by the Dayton Amateur Radio Association (DARA).



Source: <http://www.arrl.org/news/city-of-xenia-greene-county-ohio-officials-ready-to-welcome-hamvention-in-2017>

Chatham Marconi Maritime Center Acquires “Creed Machine” from Georgia Radio Amateur

07/22/2016 - ARRL member Gene Greneker, K4MOG, of Powder Springs, Georgia, recently fulfilled a dream for the [Chatham Marconi Maritime Center](#) museum — formerly WCC on Cape Cod — to add an important artifact to its collection. Greneker spotted a brief item in *QST* last year seeking a so-called “Creed machine” for the museum. While most ship-to-shore station traffic was conducted by skilled Morse operators at their keys, the Creed machine — or keyer — read a punched tape prepared in advance that generated one-way Morse code broadcasts to ships at sea.

“We have searched continuously for roughly 10 years for this artifact, following leads with historians, other museums, archivists, ham radio operators, collectors, and any other possible leads,” said Chatham Marconi Maritime Center Operations Manager Dorothy Bassett. The mention in *QST*, resulting from a visit to the museum by ARRL Lab staffer Mike Gruber, W1MG, did the trick. Greneker spotted it and let Bassett know he had what she was seeking.

“Our members and supporters raised the funds, and we were able to purchase the Creed machine, a custom table, and an entire exhibit to showcase this item and how it worked with our Kleinschmidt machine,” Bassett recounted. The Kleinschmidt machine — or “Klein” — refers to the equipment used to create the punched “Wheatstone” tape, the narrow ribbon of heavy, perforated paper read by the Creed keyer.

Bassett said that once the exhibit is complete, the museum plans to install a button that visitors could push to start the machine, “so guests will get to hear the Creed working, see the tape move, and watch the pins and mechanics in action.”



The Creed Machine

Greneker said the Creed machine is a rare find for a collector, and he obtained his when he and Fred Dorsey, WA4TDC, bought an entire lot of equipment that had been installed at WOE in Lantana, Florida. “Most of these stations only had one keyer to broadcast the traffic lists on the hour, and these were cut with the Wheatstone perforator,” Greneker told Bassett. “Given that there were not that many shore-to-ship stations, not many Creed keyers were ever manufactured.” Greneker said the machines were assembled by hand and expensive to purchase. He speculated that the Creed machine he donated may once have been at WCC.

“RCA was famous for taking old equipment from the flagship station (WCC) and sending it to the smaller stations (WOE) when they needed some item. The flagship station then got the new replacement equipment,” he explained. Greneker explained that when shore station operators such as RCA closed those facilities, “the entire station was loaded up and carried to the dump, making the keyers almost impossible to find today.”

Bassett said that museum volunteer Lewis Masson had worked for 35 years at the RCA station as a wireman, and the Creed machine was deeply important to him. “Every time he came into work, he heard it running, and it was a tried and true part of the original atmosphere,” she said. “This piece is very special to us, and I can’t thank the ARRL enough for running the ad that secured procurement.”

Source: <http://www.arrl.org/news/chatham-marconi-maritime-center-acquires-creed-machine-from-georgia-radio-amateur>

Net Managers Corner

Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

GARS NEEDS MEMBERS TO SERVE AS NET CONTROLLERS

GARS is a great Amateur Radio service club and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people that make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

Out of almost 300 members, there are only twelve primary people who serve as NCS for the GARS net every Monday night. In no particular order, they are:

Norm - WA4ZXV	Kyle - W4KDA	Mitch - N0DIM
Hal - W4IGE	Don - KW4AL	Ray - N4GYN
Sandy - KJ4DRO	John - WB4QDX	Bill - KK4AUA
Kevin - KK4WOG	Chuck - KK4TKJ	Charles - N4CEA

As GARS Net Manager (Chuck KK4TKJ), I need 30 people to fill NCS positions. I do plan to post the schedule months in advance. Any conditions will be accommodated that you, as a rotating NCS, need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club. The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 45 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at KK4TKJ@arrl.net. Sign up to help support the effort that makes GARS the great club that it is.

73 and see you on the Nets!

Chuck McCord. KK4TKJ Net Manager



**Don't miss the “KNOW IT ALL” Net
Wednesday nights, 8:30-9:30 pm**



We have moved to a new format. We begin with current events and announcements. Then we Introduce New Technology. Then we have check-ins and general discussion. Post net is Rag Chew format.

Jeff—AB4HF

Everyone is having great fun on this net! Come join us and become a “KNOW IT ALL”.

TIME: 8:30 every Wednesday evening on the GARS repeater - 2m 147.075 + PL 82.5

GARS Membership Page

New GARS Members in July

Donald Brant (N2VGU)
Maggie Colley (KM4PTW)

New Members: 2

Total Members as of August 1, 2016
- 283-

**Join us for our weekly
breakfast gathering at
7:30 AM most Saturdays**

at

Golden Corral
2155 Riverside Parkway
Lawrenceville, GA 30043

([Directions](#))

**The following members are
celebrating birthdays
in August:**

HAPPY BIRTHDAY!!
From All of Us at GARS

Dave Adanich (K8WDJ)
Emory Albritton
Kyle Albritton (W4KDA)
Bruce Brown (WA8IQF)
Stephen Dearman (KI4IXR)
Richard Dickson (W4WRD)
George Guerin (KM4BOS)
David Harden (KJ4CMY)
Richard Jones (KM4JLB)
Gary Jones (WW4HX)
Mark Koenig (KM4AJE)
Doug Kregel (KB6RRX)
Ron Langston (WE50)
Louis Manglass III (N4WWU)
Samuel McClure (KM4AAO)
Manuel Ochoa (N0DDK)
Raul Perez (KM4OXD)
Robert Sloan (WA4DD)
Laurence Whited (AB4NX)
Billy Zeyher (AB4RH)

GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail towards the bottom of the message.

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.), please e-mail the Membership Committee - membership@gars.org

You can **renew or update** your Amateur Radio license information with the FCC at their website for free
<http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Karen Albritton, KI4HPP
Committee Members: Dave Bruse, W4DTR, Pam Meridy, WB1AKQ

ARRL CONTESTING INFO

From ARRL Contest Calendar

>>>> NOTE: For more information click the links <<<<

August 2016

- 6-7 [August UHF](#)
- 20-21 [10 GHz & Up – Round 1](#)
- 21 [Rookie Roundup – RTTY](#)

September 2016

- 10-12 [September VHF](#)
- 17-19 [10 GHz & Up - Round 2](#)
- 24-25 [EME - 2.3 GHz & Up](#)

October 2016

- 17-21 [School Club Roundup](#)
- 22-23 [EME - 50 to 1296 MHz](#)

November 2016

- 5-7 [Nov. Sweepstakes – CW](#)
- 19-21 [Nov. Sweepstakes – Phone](#)
- 19-20 [EME - 50 to 1296 MHz](#)

December 2016

- 2-4 [160 Meter](#)
- 10-11 [10 Meter](#)
- 18 [Rookie Roundup–CW](#)

For more information:

<http://www.arrl.org/contest-calendar>



HAMFEST CALENDAR

Southeast US

08/20/2016 | [SouthEast Division Convention \(Huntsville Hamfest\)](#)

Location: Huntsville, AL
Type: ARRL Convention
Sponsor: Huntsville Hamfest Association
Website: <http://hamfest.org>

10/15/2016 | [Al Brock Memorial Hamfest/Tailgate](#)

Location: Rome, GA
Type: ARRL Hamfest
Sponsor: Northwest Georgia Amateur Radio Club
Website: <http://w4vo.org>

10/15/2016 | [Coastal ARS Savannah Swapmeet](#)

Location: Savannah, GA
Type: ARRL Hamfest
Sponsor: Coastal Amateur Radio Society
Website: http://coastalamateurradiosociety.net/wpW4LHSblog/?page_id=383

11/05/2016 | [Georgia State Convention \(Stone Mountain Hamfest\)](#)

Location: Lawrenceville, GA
Type: ARRL Convention
Sponsor: Alford Memorial Radio Club
Website: <http://www.stonemountainhamfest.com>

11/19/2016 | [Alabama State Convention \(MARC Hamfest 2016\)](#)

Location: Montgomery, AL
Type: ARRL Convention
Sponsor: Montgomery Amateur Radio Club
Website: <http://www.arrl.org/hamfests/alabama-state-convention-marc-hamfest-2016>

For more information:

<http://www.arrl.org/hamfests-and-conventions-calendar>



G A R S Officers and Committee Chairs

BSA Venture Crew 73 Wants You!

Venture Crew 73 is for you.

If you are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology

- Venture Crews are part of the Boy Scouts of America.
- *Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.*
- Venture crew 73 is coed.
- *Meetings are on the second Tuesday of the month, 7:00 pm, at EAA 690 Hangar at:
Briscoe Field - Sports Aviation Complex
Hangar 1, 690 Airport Road
Lawrenceville, GA 30045*
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- ◊ *Camping*
- ◊ *Hiking*
- ◊ *Horseback Riding*
- ◊ *Shooting Sports*

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

Steve Back, WB2OGY

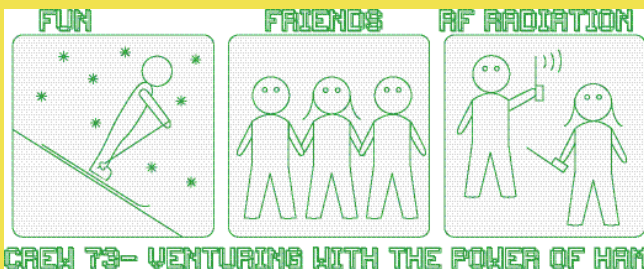
Venture Crew 73 Committee Chairman
Phone: 770-712-9069

E-mail: committeechair@venturecrew73.org

Kevin McClure, KF4HFN

Venture Crew 73 Advisor
Phone: 706 318 2519

Email: advisor@venturecrew73.org



Rick Cobb, N4XYY
President



Mike Weathers, ND4V
Vice President



Nick Doemland, AB4CQ
Secretary



Sid Weaver, N4NQ
Treasurer



Nick Nikley, N0NCQ
Program Manager



Karen Albritton, KI4HPP
Membership Chair



Dave Bruse, W4DTR
Ham Exam Team Leader



David Adcock, KA4KKF
Webmaster, Field Day Chair



Dorothy Jubon, N2DLJ
Public Information Officer



Ralph Pickwick, KJ4CNC
TechFest Chair, Apparel Mgr,
Education Chair



Bill Eggers, WB2RIS
GARzette Editor



Jeff Cutchins, AB4HF
Multimedia Chair



John Ackermann, N8UR
W4GR Trustee



Eddie Foust, WD4JEM
Repeater Chair



Mike Weathers, ND4V
WAS-Checker, Historian



Chuck McCord, KK4TKJ
Net Manager



Mike Swiderski, K4HBI
Technical Advisor



Mitch Matteau, N0DIM
Winter Field Day



Pam Meridy, WB1AKQ
QSO Party and VHF Contest
Chair



DIRECTORS

Kyle Albritton, W4KDA



David Adcock, KA4KKF



Norm Schklar, WA4ZXV



EXTRA! EXTRA!

SEPTEMBER MEETING

My Latest DX-pedition by K4UEE, Robert Allphin

Repeater Status

147.075 operational in Snellville
147.255 operation in Snellville
444.525 operational in Snellville
Link remote receivers being added
442.100 operational at Goshen Springs
145.590 operational at Bogan Road
6M currently down



L&M Mobility
Robert (Mike) Smith
5191 La Paloma Dr.
Lilburn, GA 30047
Phone (404)-509-3104
Smithrm70@hotmail.com
SERVICE & REPAIR
Power Chairs • Lift Chairs • Scooters

GARS Recurring Calendar

- ◆ Monthly club meeting is the 2nd Tuesday of the month at 7 pm
- ◆ Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net +
8:30 pm: ARES Training on the GARS 147.075 MHz repeater
- ◆ Every Wednesday at 8:30 pm: GARS Know It All Net on the GARS 147.075 MHz repeater
- ◆ Every Saturday at 7:30 am: GARS Weekly Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville
- ◆ Second Sunday at 2:00 pm: GARS Ham Exam Session, Fire Station #24
2735 Mall of Georgia Blvd
Buford, GA 30519

JULY MEETING MINUTES

Rick, N4XYY, called the meeting to order at 7:02pm.

First time visitors were welcomed and roundtable introductions were made. Ticket upgrades were recognized.

General Business

Sid, N4NQ, gave the treasure's report. Voting took place and the treasure's report was approved

Karen, KI4HPP, gave the membership report: GARS has 290 members.

Nick, N0NCQ, Program Manager announced that August program will be on "Digital Mobile Radio (DMR)" by Tom Power, W8RED

Future Programs

September 13th – "My Latest DX-pedition" by Robert Allphin, K4UEE

October 11th – "SOTA (Summits On The Air)" by Ryan , Kovacs, KK4OSG

November 8th – "GARS MASSIVE Home Brew Show and Tell"

December – NO MEETING

December – Christmas Party - When and Where: TBD

Event Recaps and General Updates

Field Day Update - David. KA4KKF

Total Contacts - 1007 SSB, 953 CW, 279 Digital

Top Contact Maker - KM4LAO – 347 contacts (CW & SSB)

Net Schedule

- GARS Want, Swap, Sell and Information, Monday's @ 7:30pm
- ARES Training , Monday's @ 8:30pmm
- Know-it-All, hosted by Jeff, AB4HF, Wednesday's @ 8:30pm

Program

Rick, N4XYY and Nick, N0NCQ presented Ray Bailey, N4GYN with a certificate of appreciation for his presentation on "Remote Controlling your Station"

Upcoming Events ([for additional details go to www.GARS.org](http://www.GARS.org))

National Park on the Air (NPOTA) "Chattahoochee National Park - Abbots Bridge Unit" – 7/16
General HamCram – 7/23 & 7/30
Cherokee Rose Cluster Dog Show – 8/25 – 8/28

Meeting concluded around 9:03pm

Nick, AB4CQ, Secretary

GARS Calendar of Events for 2016

- GARS Breakfast - Every Saturday morning
- GARS Ham Exam Session - 2nd Sunday every month
- TechFest Feb (2017)
- Georgia QSO Party April 9 - 10
- North metro area Fox Hunt April
- May Madness May 6 - 15
- Satellites in the Park May 21
- Memorial Day Parade May 30
- ARC/KARC Hamfest 1st Saturday of June
- Field Day June 25 - 26
- W4GR Spcl Event - 40th Anniv. Summer-TBA
- Maker Faire 1st Weekend of October
- Sept VHF/UHF Contest Sept 10 - 12
- Stone Mt. Hamfest November 5 & 6
- JOTA - 3rd Weekend of ... October 15

NPOTA Activation Set at President's Park - The White House - August 5 and 6

Members of the Great South Bay Amateur Radio Club ([GSBARC](#)), headed by Mike Sartoretti, KC2SYF, have obtained a permit from the National Park Service to [operate](#) from President's Park — The White House (DZ10) — for the ARRL National Parks on the Air ([NPOTA](#)) event. The operating location will be the southeast side of the Ellipse, and the call sign for the operation will be KC2SYF.

Two 100 W HF stations will be operating on 40, 20, and possibly 10 meters, plus 2 meters simplex.

The visit will include satellite operation by Paul Stoetzer, N8HM, who plans to be active on all voice satellites (SSB/FM) from 1400 UTC to 2100 UTC on Friday, August 5, and on Saturday, August 6. He hopes to take advantage of passes by AO-7B (145.940 MHz); AO-73 (145.965 MHz); FO-29 (435.865 MHz), and UKube-1 (145.945 MHz).

Source: ARRL Website

GARS CALENDAR OF EVENTS FOR AUGUST 2016

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2 6:30 - 8:00 pm GARS Exec Meeting	3 8:30 - 9:30 pm GARS Know-It-All Net	4	5	6 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
7	8 7:30 - 8:00 pm GARS 2m Net	9 5:00 - 6:30 PM Dinner at Flying Machine 7:00 - 9:00pm GARS Meeting	10 8:30 - 9:30 pm GARS Know-It-All Net	11	12	13 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
14 GARS_VE_Team Testing Session 1:45 to 4:00pm Gwinnett Co. Fire Station #5	15 7:30 - 8:00 pm GARS 2m Net	16	17 8:30 - 9:30 pm GARS Know-It-All Net	18	19	20 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
21	22 7:30 - 8:00 pm GARS 2m Net	23	24 8:30 - 9:30 pm GARS Know-It-All Net	25 6am-2pm 2 shifts Dog Show Fund Raiser	26 6am-2pm 2 shifts Dog Show Fund Raiser	27 Breakfast 6am-2pm 2 shifts Dog Show Fund Raiser
28 6am-2pm 2 shifts Dog Show Fund Raiser	29 7:30 - 8:00 pm GARS 2m Net	30	31 8:30 - 9:30 pm GARS Know-It-All Net	NOTES:		

Metro Testing Sessions	Ham Exam Results	Metro Club Meetings
<p><i>GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at http://www.arrl-ga.org.</i></p> <p>First Sunday, ODD Months 2 pm (Jan, Mar, May, Jul, Sep, & Nov) VEC: WCARS Braselton Public Utility Building 4986 Highway 53, Braselton, GA Roger Gibson, WB4T (770) 271-4210 or (770) 712-9560 w4rlg@bellsouth.net</p> <p>First Sunday, EVEN Months 2 pm (Feb, Apr, Jun, Aug, Oct, Dec) VEC: WCARS Hall County EOC 470 Crescent Dr. Gainesville, Ga. Perry Roper, KO4RD (770) 536-3056</p> <p>Second Saturday 10:00 AM Alpharetta North Park, Adult Activities Center 13450 Cogburn Rd, Alpharetta, GA 30004 Ian Kahn, KM4IK E-mail: km4ik.ian@gmail.com</p> <p>Second Saturday, ODD Months VEC: ARRL 8:30 a.m. GMC Community Ctr 5325 Leon St. Stone Mountain, GA Frank Haynes, KV4SP (678) 467-3712</p> <p>Second Sunday VEC: W5YI 2 pm Fire Station #24 Mall of Georgia Boulevard Buford, GA 30519 Contact: Dave Bruse, W4DTR E-mail: exams@gars.org</p> <p>Third Saturday VEC: W5YI 2 pm @ Barrow Co. Emerg. Serv. Bldg 66 McElroy Street Winder, GA 30680 Steve Donellan, N5SMD (404) 520-0368 E-mail: n5smd@comcast.net</p> <p>(cont. next column)</p>	<p>We had a very good testing session on July 10th.</p> <p>One applicant passed the Technician exam.</p> <p>Many thanks to these VE's who made the exam possible:</p> <p>Bill Cherepy, WB4WTN Larry Whited, AB4NX Karen Whited, AB4NW Sid Weaver, N4NQ (Co-CVE) Dave Bruse, W4DTR (CVE) Nick Doemland, AB4CQ Steve Back, WB2OGY Mitch Mattern, N0DIM Allison Lynch, AB4YL Frank Haynes, KV4SP Dale Lynch, AE8DL Rick Cobb, N4XY</p> <p>73,</p> <p><i>Don Bagby</i>, KK4NJM (Co-CVE) GARS VE Team Leader E-mail: exams@gars.org</p> <p>GARS VE Website: http://groups.yahoo.com/group/GARS_VE_Team/</p> <p>Fourth Tuesday ARRL VEC 7 pm @ United Way Service Center 6279 Fairburn Rd., Douglasville Jessie Clower, KB4WFK (770) 942-6466</p> <p>Fourth Sunday 2:30 pm Georgia Tech VanLeer Elec. Building Rm. W218, 777 Atlantic Dr. For more information go to www.w4aql.com and click on "Test Sessions"</p>	<p>First Tuesday Kennehoochee ARC Downtown Marietta Fire Station #1, Training Room 112 Haynes Street Marietta, Georgia 30060 Meeting begins at 7:00pm Talk In 146.880(-)</p> <p>First Thursday Atlanta Radio Club Georgia Red Cross HQ 1955 Monroe Dr., Atlanta Meeting is at 7:30pm Talk In -146.820(-) N.E. Georgia ARC Commerce Public Library Meeting is at 6:30pm Talk In - 147.225(+) PL 123.0</p> <p>Second Monday Georgia Tech ARC Room W218 Van Leer Electrical Engineering Bldg. Georgia Tech Campus Meeting at 7:00pm</p> <p>Second Thursday Alford Memorial Radio Club Annistown Road Baptist Church Intersection of Annistown Rd & Spain Rd Stone Mountain Dinner at 6:00pm Meeting at 7:30pm Talk In - 146.760(-)</p> <p>Second Saturday North GA QRP Club Board Room of The Shepherd Center at 2020 Peachtree Rd, NW, Atlanta at 10:00 AM</p> <p>Third Tuesday North Fulton Amateur Radio League Alpharetta Recreation & Parks Dept Alpharetta Adult Activity Center 13450 Cogburn Road Alpharetta, GA 30004 meeting at 7:30pm Talk In - 145.47(-) For more, go to: http://www.gars.org/</p>

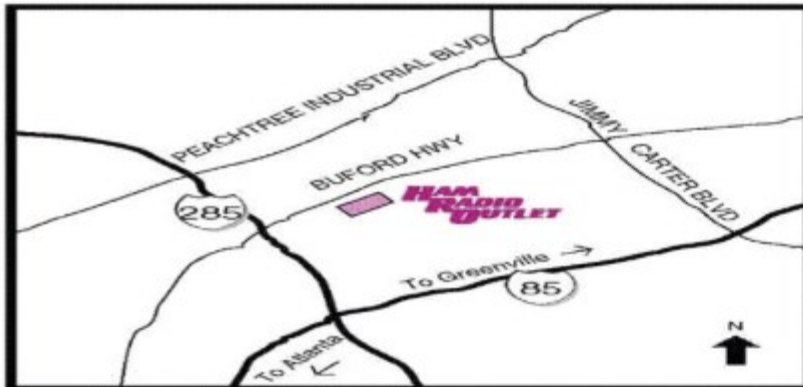
WORLD WIDE DISTRIBUTION



Mark Holmes
Manager
KJ4VO

6071 Buford Highway
Atlanta, GA 30340 (Doraville)
770-263-0700 1-800-444-7927
Fax: 770-263-9548
e-mail: atlanta@hamradio.com
hours: 10 a.m. - 5:30 p.m. Mon.-Sat.




John, KI4LMA Bill, W5RQR David, AI4XL
Jim, N1ABM Josh, W4JDH Brian, WD4DX



Alineco
Icom
Japan Radio Corp.
Premier
ADI
Yaesu
Alpha Delta
Arrow
Butternut
Create
Kenwood
Tarheel
Heil
West Mountain

Cushcraft
Diamond
Force 12
Hustler
Hy-Gain (Telex)
KLM
Larsen
M2
Valor
Van Gorden
MFJ
Ameritron
Comet

INTERBOROREFRIGERATION
HVAC/R

Reparation & Maintenance

Luis Castellanos
owner

Address: 470 Bay lake pass,
Lawrenceville, GA 30046

Tel.: 610-816-8744
Email: el-piloto52@hotmail.com

Licensed by E.P.A.

30 years of Experience

Central A/C - Heater and Water Heater
All Commercial Refrigeration Systems
Ice Cream Freezer
All Jobs Guaranteed

Finally

A clog-free gutter
with no fine print.



The Real GUTTER PROTECTOR
NO CLOGS, NO OVERSIGHT, GUARANTEED

You'll never have to clean your gutters again. The Real Gutter Protector's Waterloov® System uses a patented design that slows water more effectively and draws water in more completely, with smaller openings that keep out more debris. <http://www.realgutterprotector.com>
Atlanta, Georgia - (770) 630-1582



Real Estate Broker

Century 21 21 Results Realty

Buying* Selling* Investing
For Any Real Estate
Matters

There has never been a
better time to invest in Real
Estate

**Inventory is LOW
It's a Seller's Market**

SHARON ADCOCK
CRS, GRI, e-Pro,
Relocation Expert,
Associate Broker

www.SharonAdcock.com
2920 Ronald Reagan Blvd
Cumming, GA 30041



Not intended

Sharon@
SharonAdcock.com
Cell: 404-428-9127
eFax 678-679-1383